

resistant stock plants on which to graft our best commercial sorts."

49299. "'Admirable de Otoño' (Autumn Beauty). Described by Señor Izquierdo as a large, excellent autumn fruit. The tree is very productive."

54300. "'Huidobro.' Also known as 'Araucana' and 'Araucana Huidobro.' This is said to have originated in Chile on the Hacienda of Señor Vicente G. Huidobro from an Italian seed. The tree is described as very vigorous and productive, the fruit is medium to large, yellow, of firm texture, sweet, aromatic, and juicy. Its ripening season is late autumn (April to May in Chile) and the fruits can be kept in good condition without cold storage, until the following October or sometimes November. Its shipping qualities are excellent.

"'Huidobro' cannot be strongly recommended as a dessert apple, and is not introduced as such; immunity from the attacks of the woolly aphis is the quality which gives it interest and makes it valuable in Chile and perhaps elsewhere. Señor Izquierdo has found that plants of this variety grafted on seedling apple roots will be attacked by the aphis only from the roots upward to the union of stock and scion, not a single insect ever passing on to the scion to carry on his nefarious activities.

"Because of this characteristic, it is possible that 'Huidobro' may have value in the United States as a stock plant on which to graft other and better varieties of the apple.

54301. "'Productiva' (Productive). A large fruit, striped with red, ripening in April and May in central Chile."

54302. "'Citronelle.' A small, sweet, yellow apple, said to be an excellent keeper."

Malus sylvestris (Malaceae), 54385, 54387 to 54389, and 54392. **Apple.** From Avondale, Auckland, New Zealand. Seedlings presented by Mr. H. R. Wright. Quoted notes by Mr. Wright.

54385. "Root grafts, second generation seedlings from 'Irish Peach.' This seedling is aphis-resistant and has a perfect affinity for the Chinese crab, *Pyrus prunifolia*."

54387. "'Bordeaux Reinette.' New blight-proof apple, resembling 'Cox's Orange' in color and shape, with rich, aromatic flavor; fruit a good keeper, making an ideal apple for home or export; a heavy cropper."